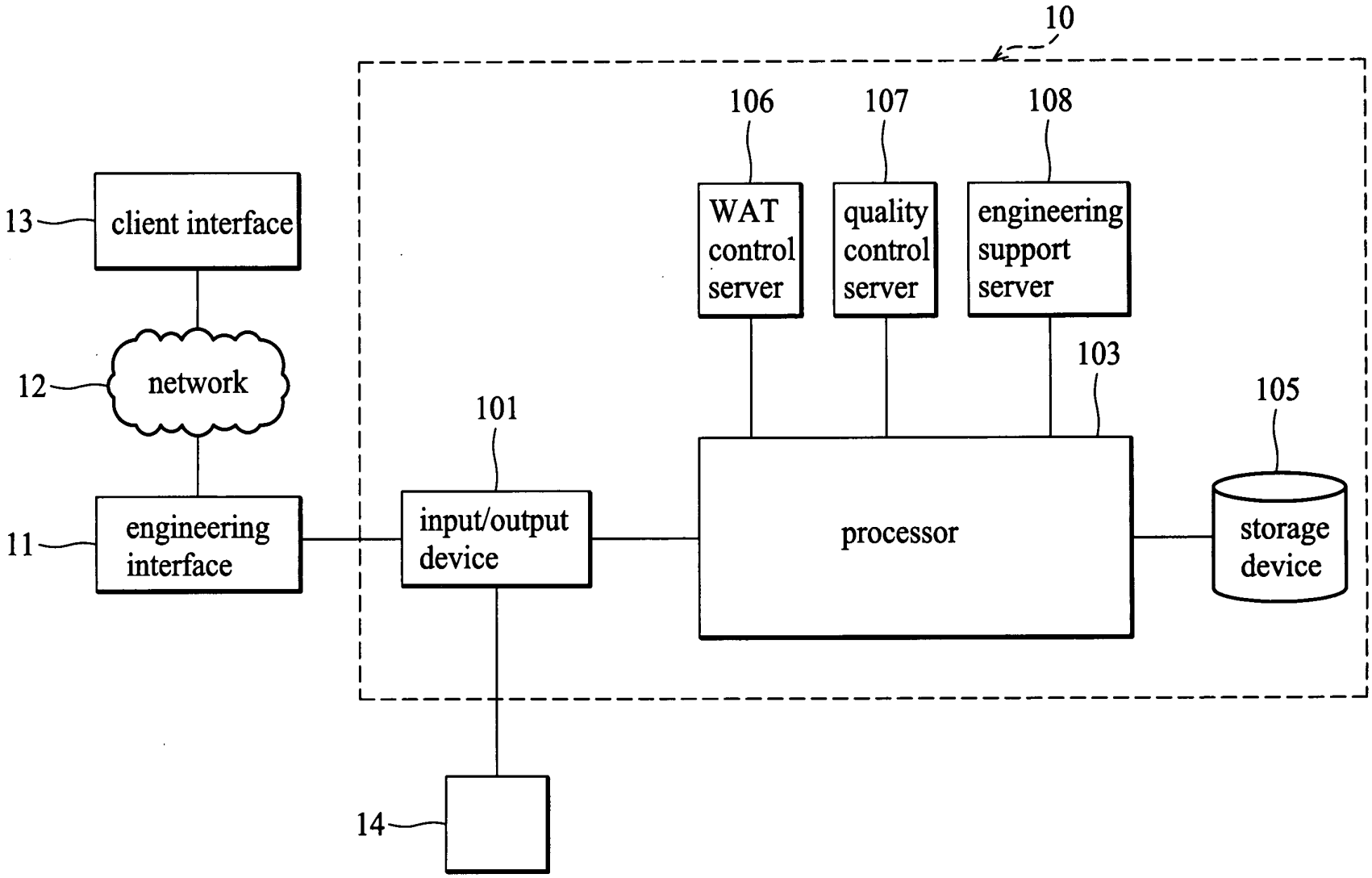

10
106
107
108
13
client interface
WAT control server
quality control server
engineering support server
12
network
103
105
101
engineering interface
11
input/output device
processor
storage device
14

FIG. 1

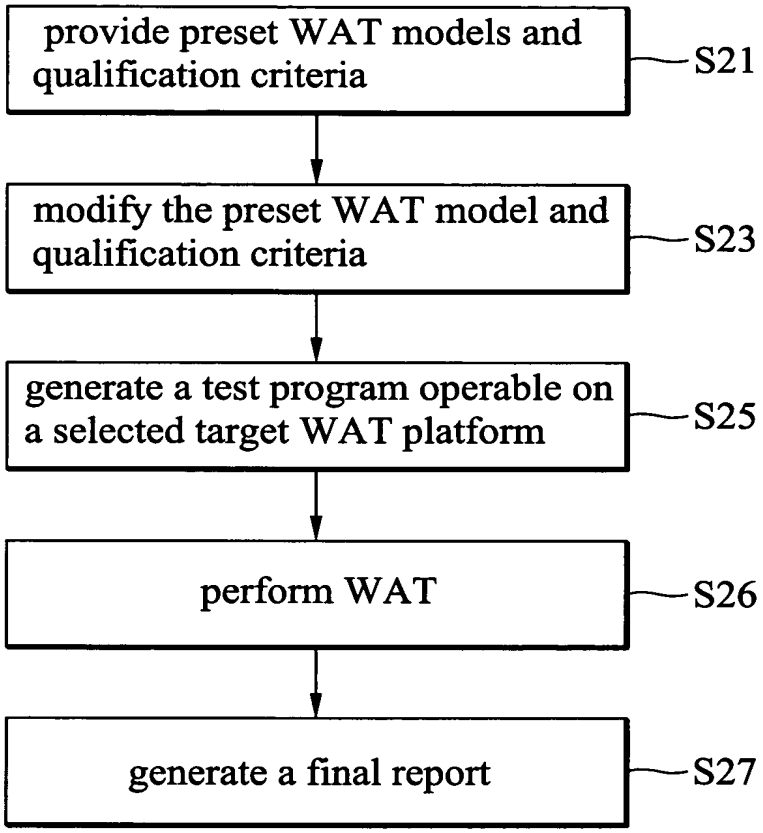
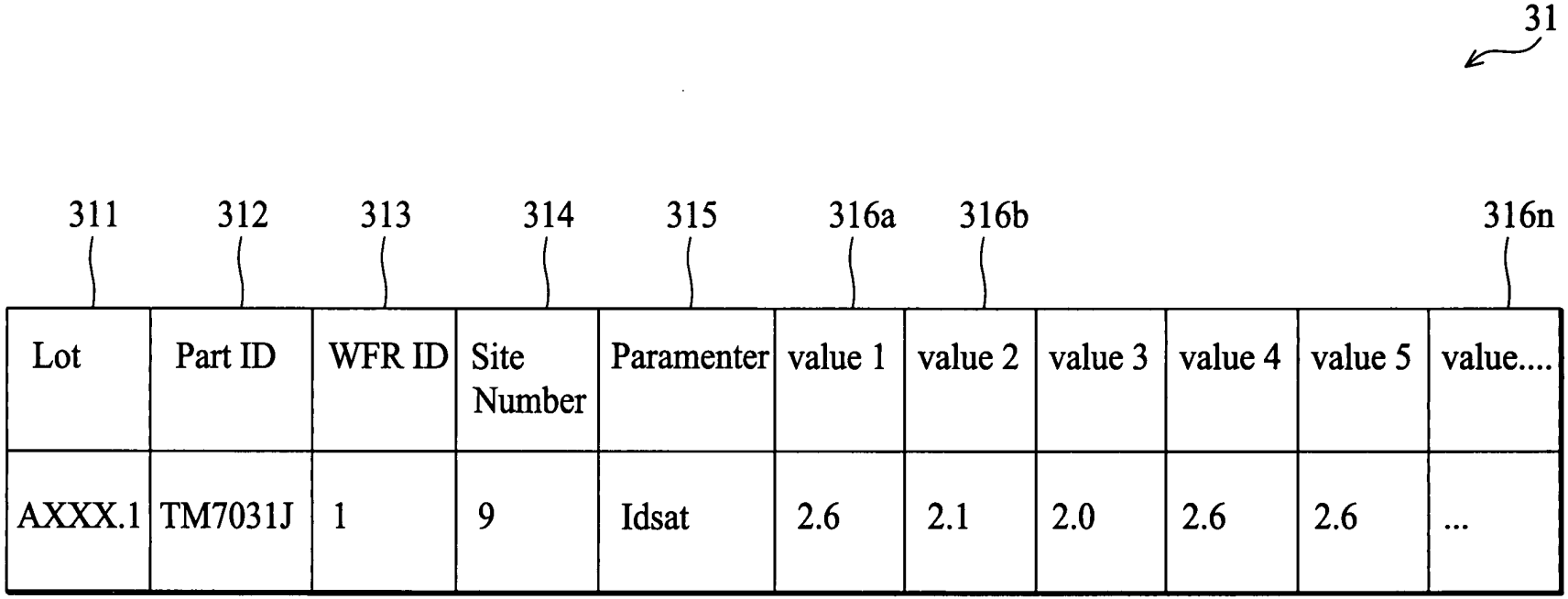

provide preset WAT models and qualification criteria
S21
modify the preset WAT model and qualification criteria
S23
generate a test program operable on a selected target WAT platform
S25
perform WAT
S26
generate a final report
S27

FIG. 2

30

| 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 |
|---|---|---|---|---|---|---|---|
| customer | product | FAB | Test Sites | Criteria Idast | Criteria RC | Criteria RS | Criteria loff |
| customer 1 | TM7031J | FAB6 | 9 | 2 | 4 | 4 | 4 |
| customer 2 | TM6666I | FAB12 | 13 | 2 | 6 | 6 | 2 |

FIG. 3A




| Lot | Part ID | WFR ID | Site Number | Paramenter | value 1 | value 2 | value 3 | value 4 | value 5 | value.... |
|---|---|---|---|---|---|---|---|---|---|---|
| AXXX.1 | TM7031J | 1 | 9 | Idsat | 2.6 | 2.1 | 2.0 | 2.6 | 2.6 | ... |

FIG. 3B

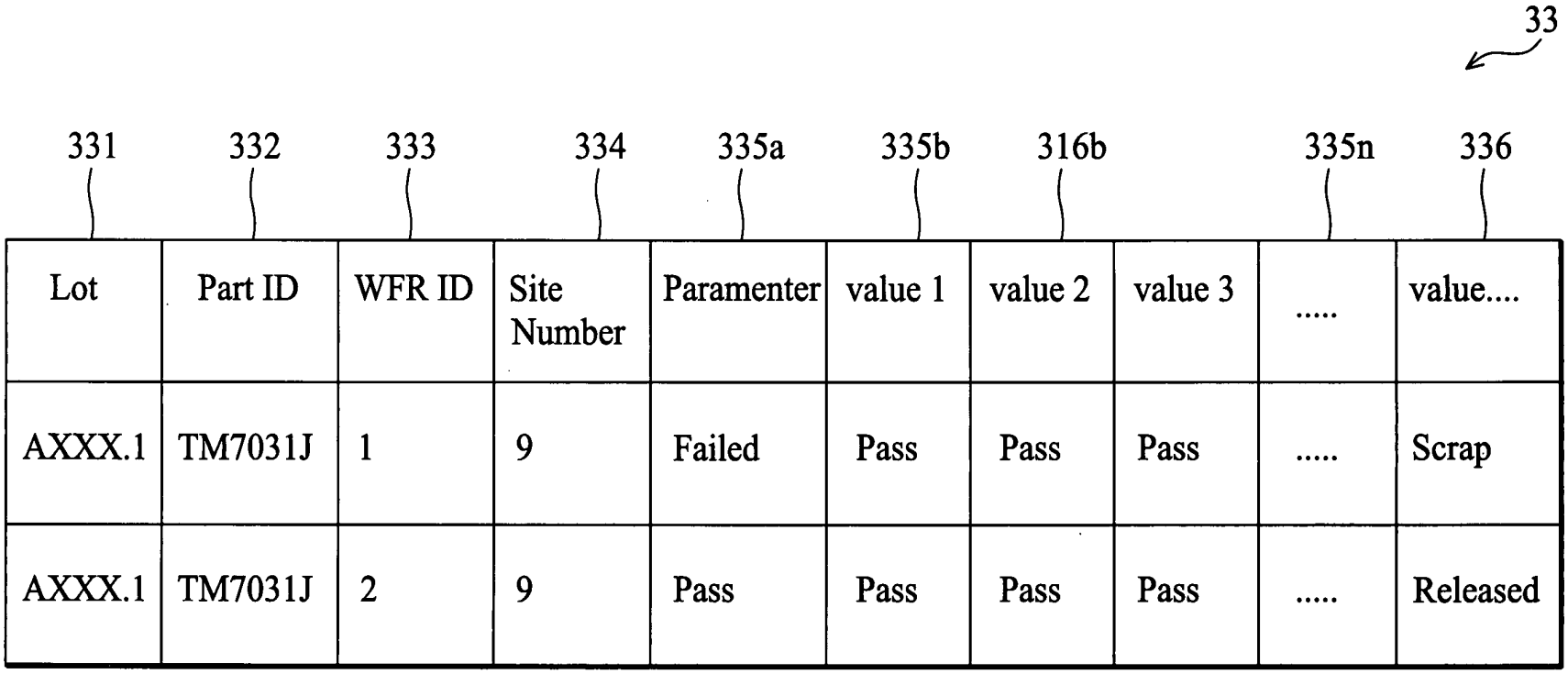

33
331
332
333
334
335a
335b
316b
335n
336
Lot
Part ID
WFR ID
Site Number
Paramenter
value 1
value 2
value 3
.....
value....
AXXX.1
TM7031J
1
9
Failed
Pass
Pass
Pass
.....
Scrap
AXXX.1
TM7031J
2
9
Pass
Pass
Pass
Pass
.....
Released

FIG. 3C

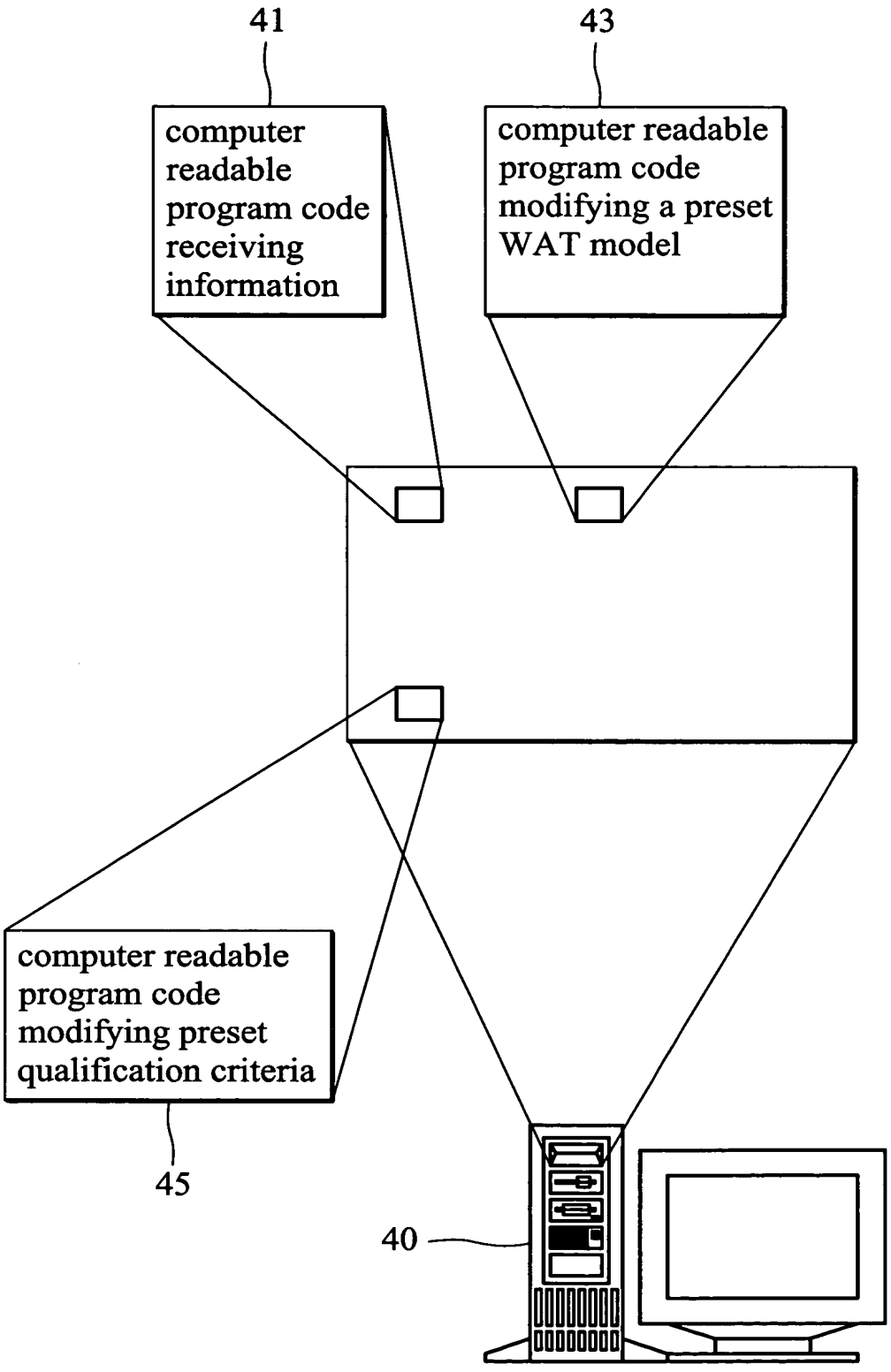

41
43
computer readable program code receiving information
computer readable program code modifying a preset WAT model
computer readable program code modifying preset qualification criteria
45
40

FIG. 4